

R. Landsman

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/530,880

DATE: 10/10/2001
 TIME: 09:24:22

Input Set : A:\09598-004001.TXT
 Output Set: N:\CRF3\10102001\I530880.raw

11/2

ENTERED

4 <110> APPLICANT: Stefano, George B.
 5 Fimiani, Caterina
 7 <120> TITLE OF INVENTION: OPIATE, CANNABINOID, AND ESTROGEN
 8 RECEPTORS
 10 <130> FILE REFERENCE: 09598-004001
 12 <140> CURRENT APPLICATION NUMBER: 09/530,880
 13 <141> CURRENT FILING DATE: 2000-09-28
 15 <150> PRIOR APPLICATION NUMBER: PCT/US98/23944
 16 <151> PRIOR FILING DATE: 1998-11-10
 18 <150> PRIOR APPLICATION NUMBER: 60/065,043
 19 <151> PRIOR FILING DATE: 1997-11-10
 21 <160> NUMBER OF SEQ ID NOS: 6
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 20
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
 31 gcagaggaga atgtcagatg 20
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 20
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Homo sapiens
 38 <400> SEQUENCE: 2
 39 ctaagcttgg tgaaggctgg 20
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 30
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Homo sapiens
 46 <400> SEQUENCE: 3
 47 ggtactggaa aaacctcggt aagatctgtg 30
 49 <210> SEQ ID NO: 4
 50 <211> LENGTH: 30
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 4
 55 ggtctctagt gttctgacga attcgagtgg 30
 57 <210> SEQ ID NO: 5
 58 <211> LENGTH: 441
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Homo sapiens
 62 <400> SEQUENCE: 5
 63 ggtactggaa aaacctcggt aagatctgtg tttcatctt cgccttcatt atgccagtgc 60
 64 tcattcattac cgtgtgttat ggactgtga tcttgcgcct caagagtgtc cgcatgtct 120
 65 ctggctccaa agaaaaggac aggaatcttc gaaggatcac caggatggg ctgggttgg 180
 66 tggctgtgtt catcgctcgc tggactccca ttcacattt cgtcatcatt aaagccttgg 240
 67 ttacaatccc agaaaactacg ttccagactg tttctggca cttctgcatt gctctaggtt 300

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/530,880

DATE: 10/10/2001
TIME: 09:24:22

Input Set : A:\09598-004001.TXT
Output Set: N:\CRF3\10102001\I530880.raw

68 acacaaacag ctgcctcaac ccagtcctt atgcatttct ggatgaaaac ttcaaacgat 360
69 gcttcagaga gttctgtatc ccaacctt ccaacattga gcaacaaaac tccactcgaa 420
70 ttctcgagaa cactagagac c 441
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 146
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 6
78 Tyr Trp Glu Asn Leu Leu Lys Ile Cys Val Phe Ile Phe Ala Phe Ile
79 1 5 10 15
80 Met Pro Val Leu Ile Ile Thr Val Cys Tyr Gly Leu Met Ile Leu Arg
81 20 25 30
82 Leu Lys Ser Val Arg Met Leu Ser Gly Ser Lys Glu Lys Asp Arg Asn
83 35 40 45
84 Leu Arg Arg Ile Thr Arg Met Val Leu Val Val Ala Val Phe Ile
85 50 55 60
86 Val Cys Trp Thr Pro Ile His Ile Tyr Val Ile Ile Lys Ala Leu Val
87 65 70 75 80
88 Thr Ile Pro Glu Thr Thr Phe Gln Thr Val Ser Trp His Phe Cys Ile
89 85 90 95
90 Ala Leu Gly Tyr Thr Asn Ser Cys Leu Asn Pro Val Leu Tyr Ala Phe
91 100 105 110
92 Leu Asp Glu Asn Phe Lys Arg Cys Phe Arg Glu Phe Cys Ile Pro Thr
93 115 120 125
94 Ser Ser Asn Ile Glu Gln Gln Asn Ser Thr Arg Ile Arg Gln Asn Thr
95 130 135 140
96 Arg Asp
97 145

VERIFICATION SUMMARY DATE: 10/10/2001
PATENT APPLICATION: US/09/530,880 TIME: 09:24:23

Input Set : A:\09598-004001.TXT
Output Set: N:\CRF3\10102001\I530880.raw